

Title (en)  
VACUUM CONDUIT

Title (de)  
VAKUUMLEITUNG

Title (fr)  
CONDUITE A VIDE

Publication  
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Application  
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Abstract (en)  
[origin: WO02086325A1] The invention relates to a vacuum conduit (10) which interlinks two vacuum devices (12, 14) and which comprises a vacuum-tight flexible tubular section (22) and a vibration damper (16) axially in parallel to said flexible tubular section (22). The vibration damper (16) is an actively controlled axial magnetic bearing, thereby providing a vibration damper with good damping properties. The vibration damper can be adapted by modifying the control parameters and is not subject to any mechanical wear. The contactless vibration damping prevents transmission of structure-borne noise.

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